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7-31-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

A. RUBISSA et al

Serial No.: 10/056,782

Filed: 28 January, 2002

For: METHOD AND SYSTEM  
FOR SWITCHING AND ROUTING...

Examiner:

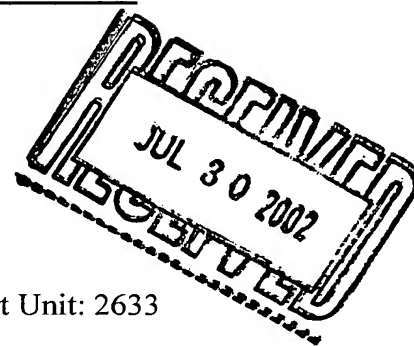


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Group Art Unit: 2633

Attorney

Docket: 02/23217



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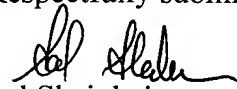
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Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

  
Sol Sheinbein  
Registration No. 25,457  
Attorney for Applicant

Date: July 24, 2002

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Sheet	1	of	3	Attorney Docket Number	02/23217
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Application Number	10/056,782
Filing Date	28 January, 2002
First Named Inventor	A. RUBISSA et al
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	02/23217

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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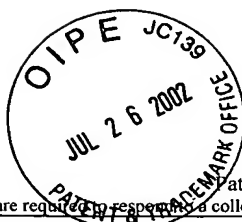
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			Filing Date	28 January, 2002	
			First Named Inventor	A. RUBISSA et al	
			Group Art Unit	2633	
			Examiner Name		
Sheet	2	of	3	Attorney Docket Number	02/23217

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AK	Waveguide Electrooptic Switch Arrays, Alferness, IEEE Journal on Selected Areas in Communications, August 1988, Vol. 6, No. 7., pp 1117-113	
	AL	Voltage-Controlled Photorefractive Effect in Paraelectric KTa <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> :Cu,V, Agraanar, et al., Optics Letters, September 15, 1989, ol. 14, No. 18, pp 1015-1017	
	AM	Dependence of the Photorefractive Properties of KTa <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> :Cu,V on Cu Valence State Concentration, Leyva, et al., J. Appl. Phys. 1 June 1990, 67 (11), pp. 7162 - 7164	
	AN	New Photorefractive Mechanism in Centrosymmetric Crystals: A Strain-Coordinated Jahn-Teller Relaxation, Hofmeister, et al., Hofmeister, et al., Physical Review letters, 31 August 1992, Vol. 69, No. 9., pp. 1459 – 1462	
	AO	Increased Photorefractive Sensitivity in Double-Doped KTa <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> :Fe,Ti, Leyva, et al., Optic Letters, June 15, 1993, Vol. 18, No. 12, pp. 959 – 961	
	AP	Characterization of a New Photorefractive Material: K <sub>1-y</sub> Li <sub>y</sub> Ta <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> , Agranat et al., Optic Letters, May 15, 1992, Vol. 17, No. 10, pp, 713 – 715	
	AQ	Near Infrared Absorption and Dark Conductivity of K <sub>1-y</sub> Li <sub>y</sub> Ta <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> Crystal, Tong et al., Appl. Phys. Lett. 22 July 1996, 69, (4) pp. 479 – 481	
	AR	Electroholographic Neurons Implemented on Potassium Lithium Tantalate Niobate Crystals, Balberg et al., Optic Letters, October 1, 1996, Vol. 21, No. 19, pp. 1544 – 1546	
	AS	Holographic Gratings by Spatial Modulation of the Curie-Weiss Temperature in Photorefractive K <sub>1-x</sub> Li <sub>x</sub> Ta <sub>1-y</sub> Nb <sub>y</sub> O <sub>3</sub> :Cu,V, Agranat, et al., Physical Review B, May 15, 1997, Vol. 55, No. 19, pp. 12 818 – 12 821	
	AT	Electric Field Multiplexing of Volume Holograms in Paraelectric Crystals, Balberg, et al., Applied Optics, February 10, 1998, Vol. 37, No. 5, pp. 841 – 847	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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	AU	Investigation of the Holographic Storage Capacity of Paraelectric $K_{1-x}Li_xTa_{1-y}Nb_yO_3:Cu,V$ , Pesach, et al., Optic Letters, April 15, 1998, Vol. 23, No. 1, pp. 642 – 644	<b>RECEIVED</b> <b>JUL 29 2002</b> <b>Technology Center 2600</b>
	AV	Photorefractive Effect Produced by Photoinduced Metastable Changes in the Dielectric Constant, Agranat, et al., Physical Review B, May 1, 1983, Vol. 27, No. 9, pp. 5712 – 5716	
	AW	Growth and Characterization of the Perovskite $K_{1-y}Li_yTa_{1-x}Nb_xO_3:Cu$ , Hofmeister et al., Journal of Crystal Growth, Vol. 131, 1993, pp 486 – 494	
	AX	Nonlinear Optical Properties of Material, Schlossberg, et al., SPIE The International Society for Optical Engineering, Vol. 1148, August 1989, pp. 52 – 66	
	AY	Electro-Holographic Artificial Neural Networks, Agranat, et al., Physica A 200, 1993, pp 608 – 612	
	AZ	Dipolar Holographic Gratings Induced by the Photorefractive Process in Potassium Lithium Tantalate Niobate at the Paraelectric Phase, A. J. Agranat, et al., Journal of the Optical Society of America B, Vol. 14, August 1997, pp. 2043-2048	

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